PRECISION • ACCURACY • RELIABILITY

ATLAS

DENSITY BALANCE

MD SERIES

High Precision Density Measurement for Metals, Minerals & Precious Materials

MDJ-S Density Balance is designed for fast and accurate density testing of solid and floating materials. Widely used in testing gold, silver, metals, rubber, plastics, powders, minerals, ceramics and more. With an advanced sensor, user-friendly operation and multiple measurement functions, it is the ideal solution for labs, industries and quality control applications.



FEATURES

- High accuracy and fast measurement
- Easy one-step operation
- Upper & lower density limit setting with buzzer alarm
- Small sample size (only 50 CC)
- Easy to clean, re-usable measuring cup
- RS-232C interface for PC & printer
- Built-in batter & wind shield for on-site testing
- Measures solid density, volume, purity, K number & more

WIDE APPLICATION

Used for metal materials, rubber, wires & cables, aluminum products, plastic PVC particles, powder metallurgy, mineral rocks, EVA materials, glass industry, precision ceramics, refractory & wear-resistant materials, alloy materials, mechanical equipment, metal recycling, minerals & rocks, cement manufacturing, jewelry and other new material research laboratories.


Jewelry


Metals


Minerals


Plastics


Powders

HOW IT WORKS

1. Weigh the Sample



2. Perform Density Test



3. Get Accurate Results



WHY CHOOSE MD SERIES?

- Professional accuracy you can trust
- Easy operationwith stable performance
- Durable, reliable & user-friendly design
- Ideal for Jewellery, laboratory & industrial use

SPECIFICATIONS

Model	MD - 100	MD - 120	MD - 200	MD - 300
Density accuracy	0.001g/cm^3			
Maximum capacity	100 g	120 g	200 g	300 g
Weighing Accuracy	0.001g			
Measuring range	0.001-99.999g/cm^3			
Results show	1. Solid Density and Volume 2. Purity, density and volume of silver, palladium and gold			

Settings	Density upper and lower limit setting, specific gravity
Test Type	Any irregular block, particle or floaating bo with density >1 or <1
Calibration Method	Automatic calibaation, distill water check result value
Output Mode	RS-232C standard communication i terface